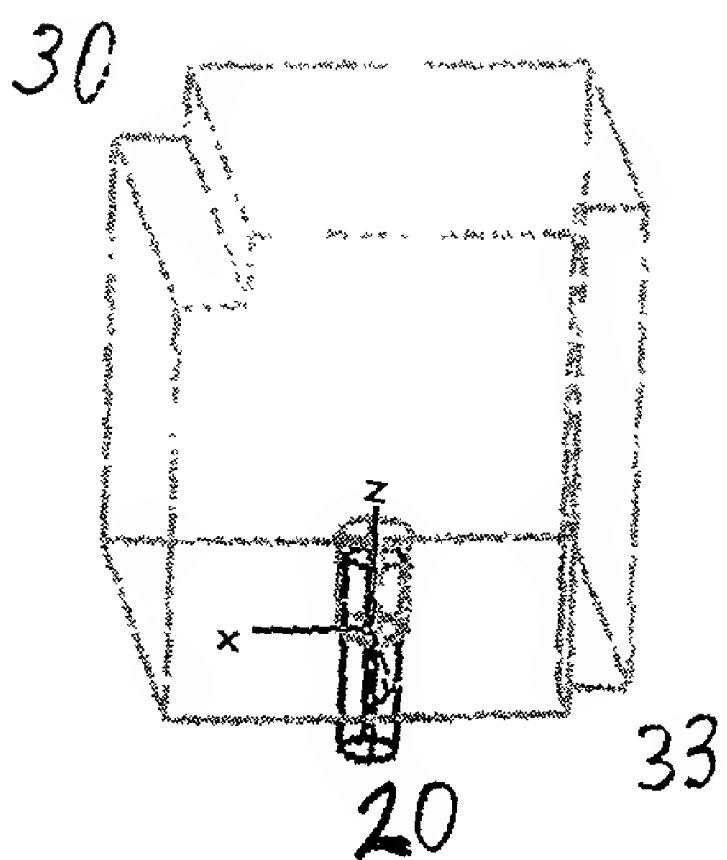


10

(a)



10

(b)

Figure 1.

0530736-11404

11/11/11

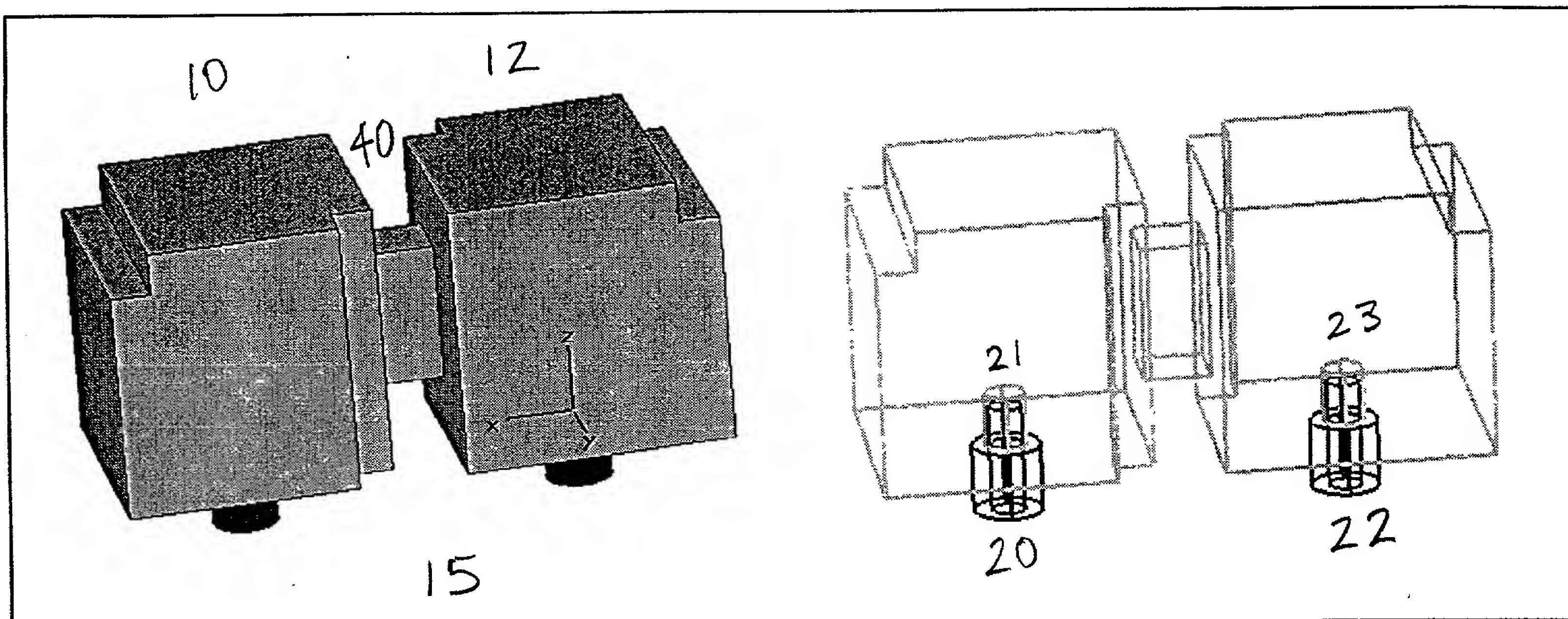


Figure 2.

059336-11401

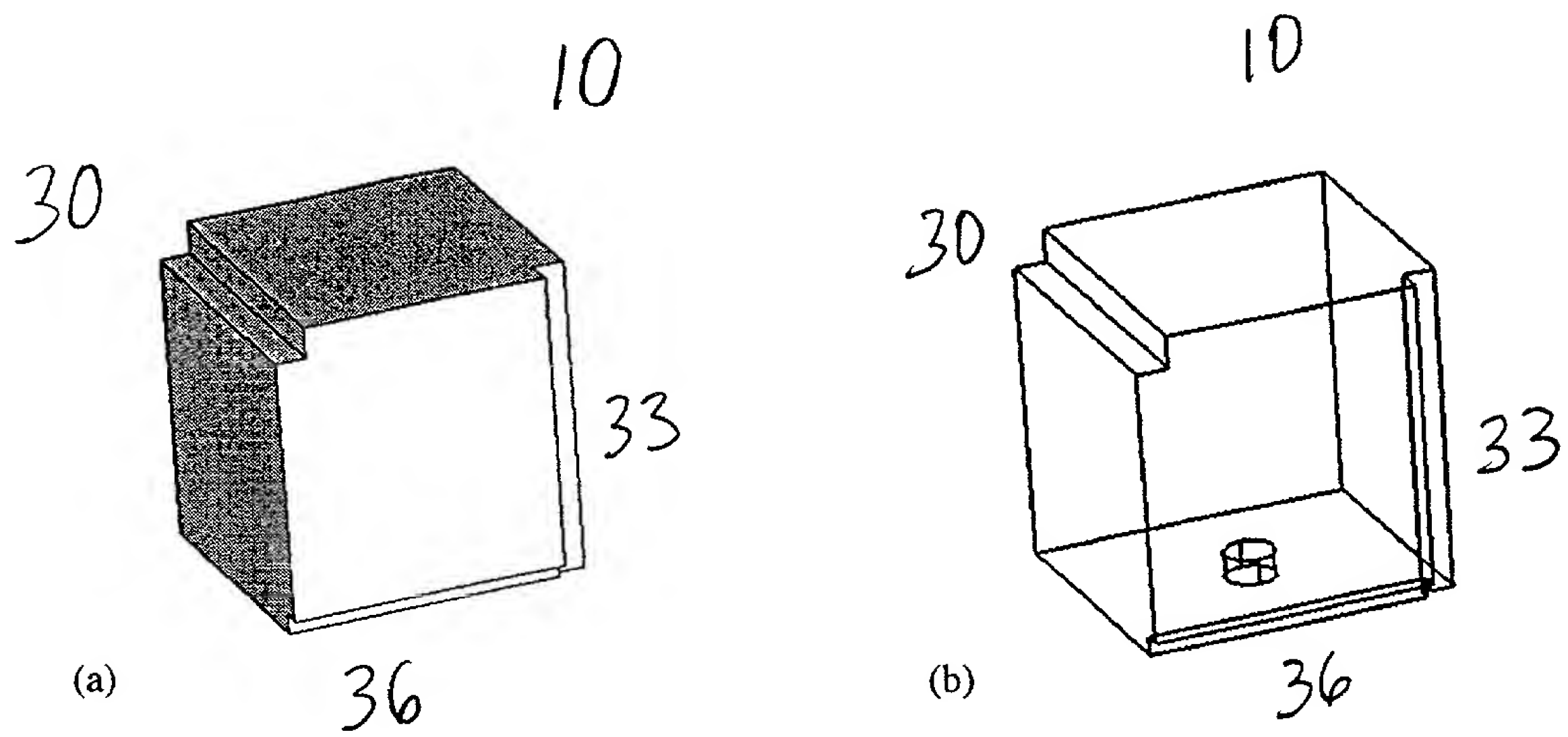


Figure 3.

099276 11401

2011 04 26 11:44

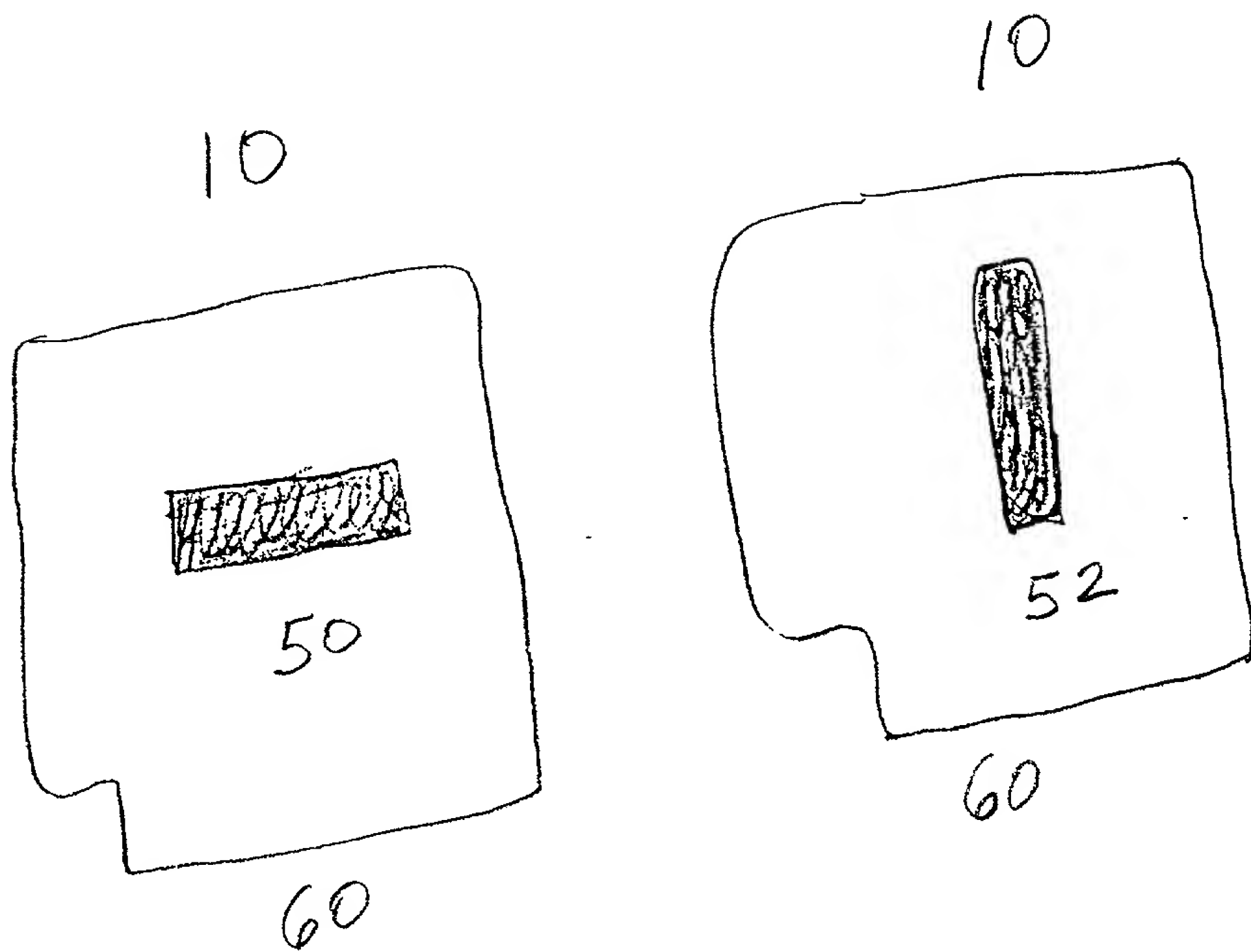


Figure 4

Resonant Frequency Shift & Cutting Length

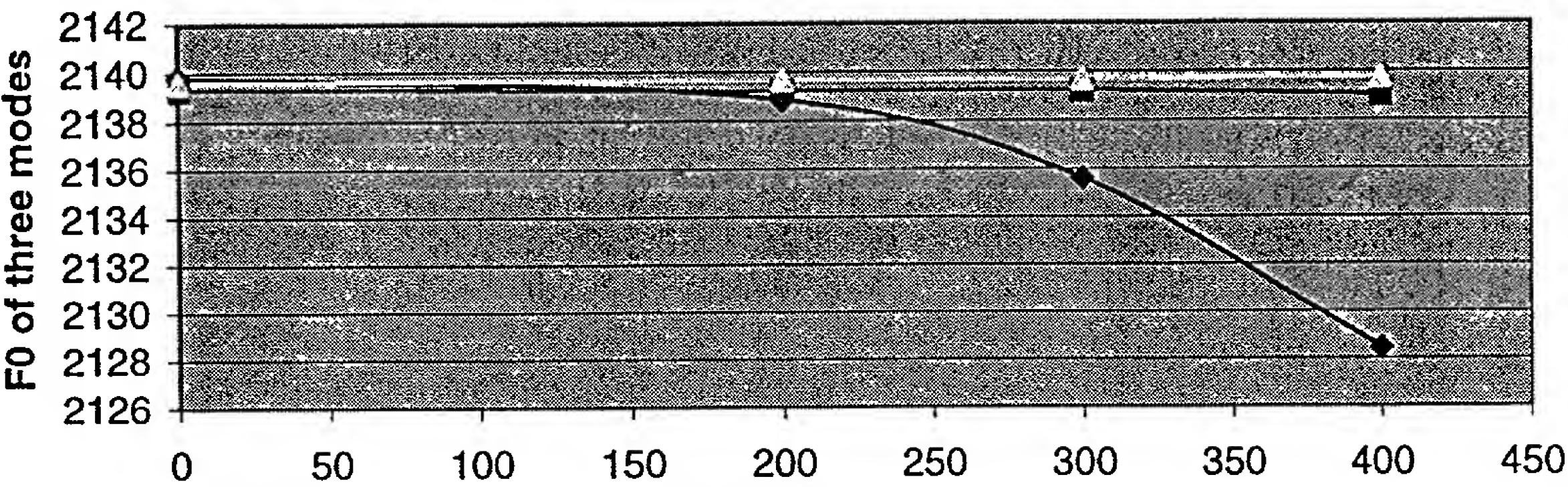
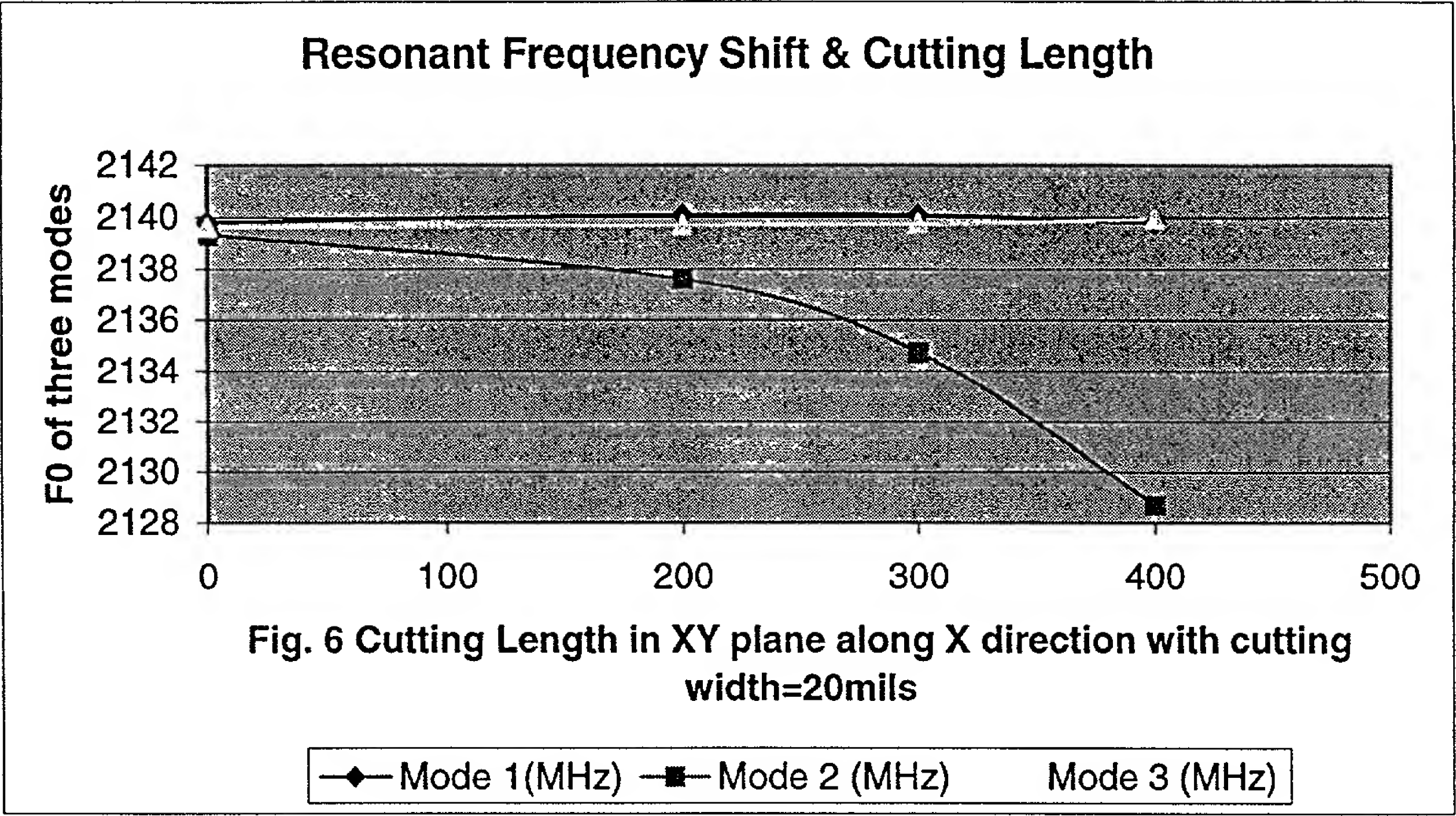
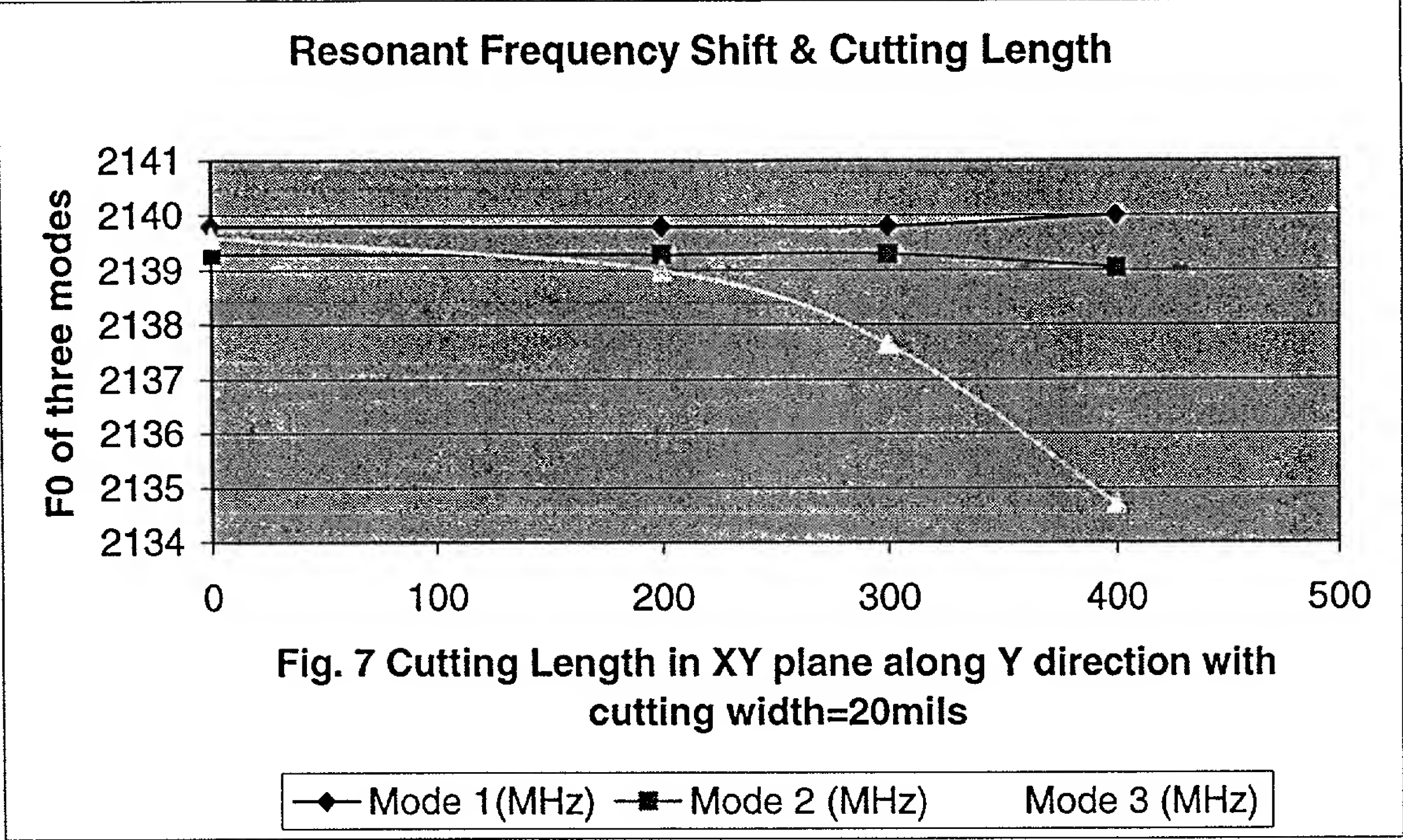


Fig. 5 Cutting Length in XZ plane along X direction with cutting width=20mils

Mode 1 (MHz) Mode 2 (MHz) Mode 3 (MHz)

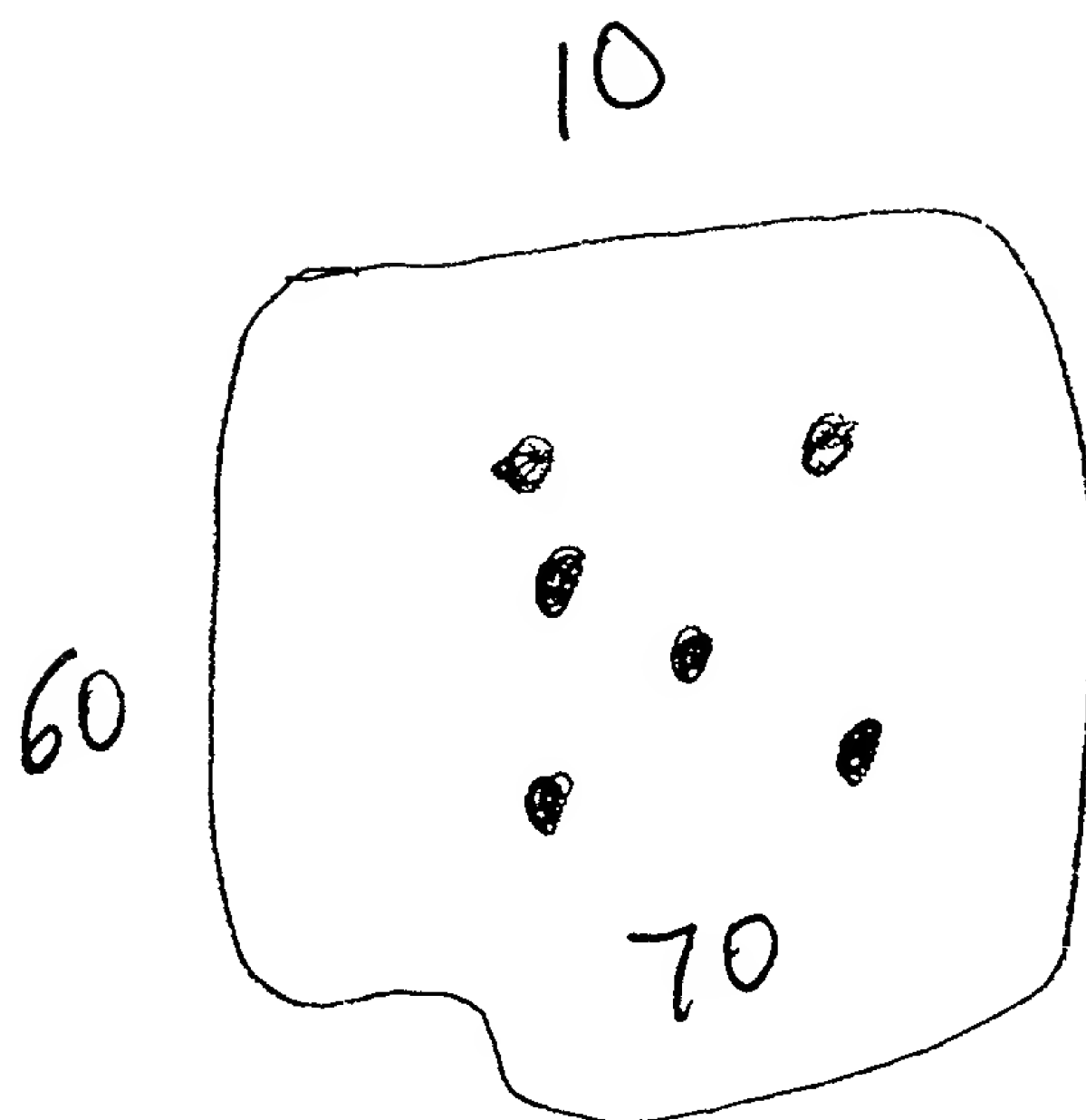






09937376-111401

(a)



(b)

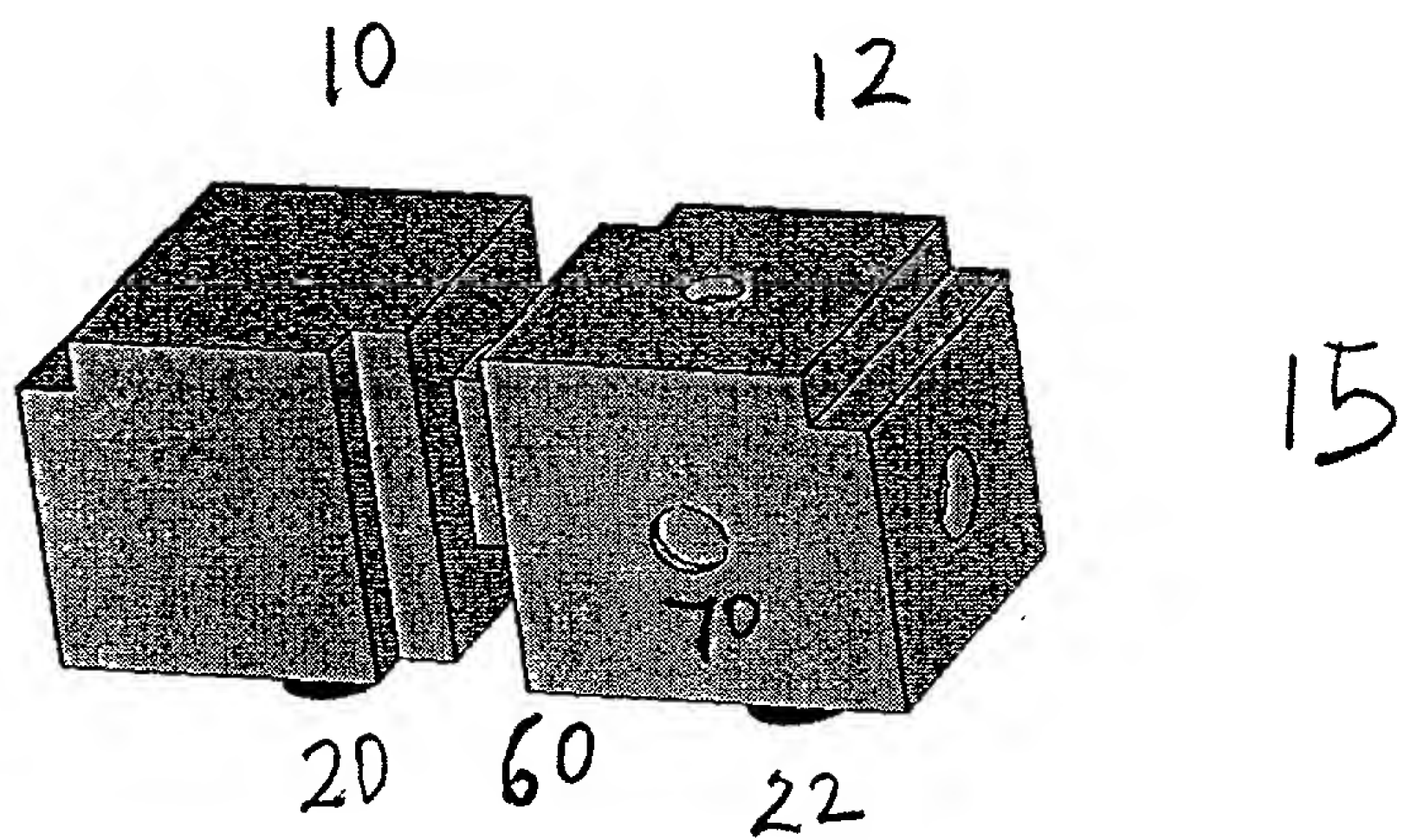
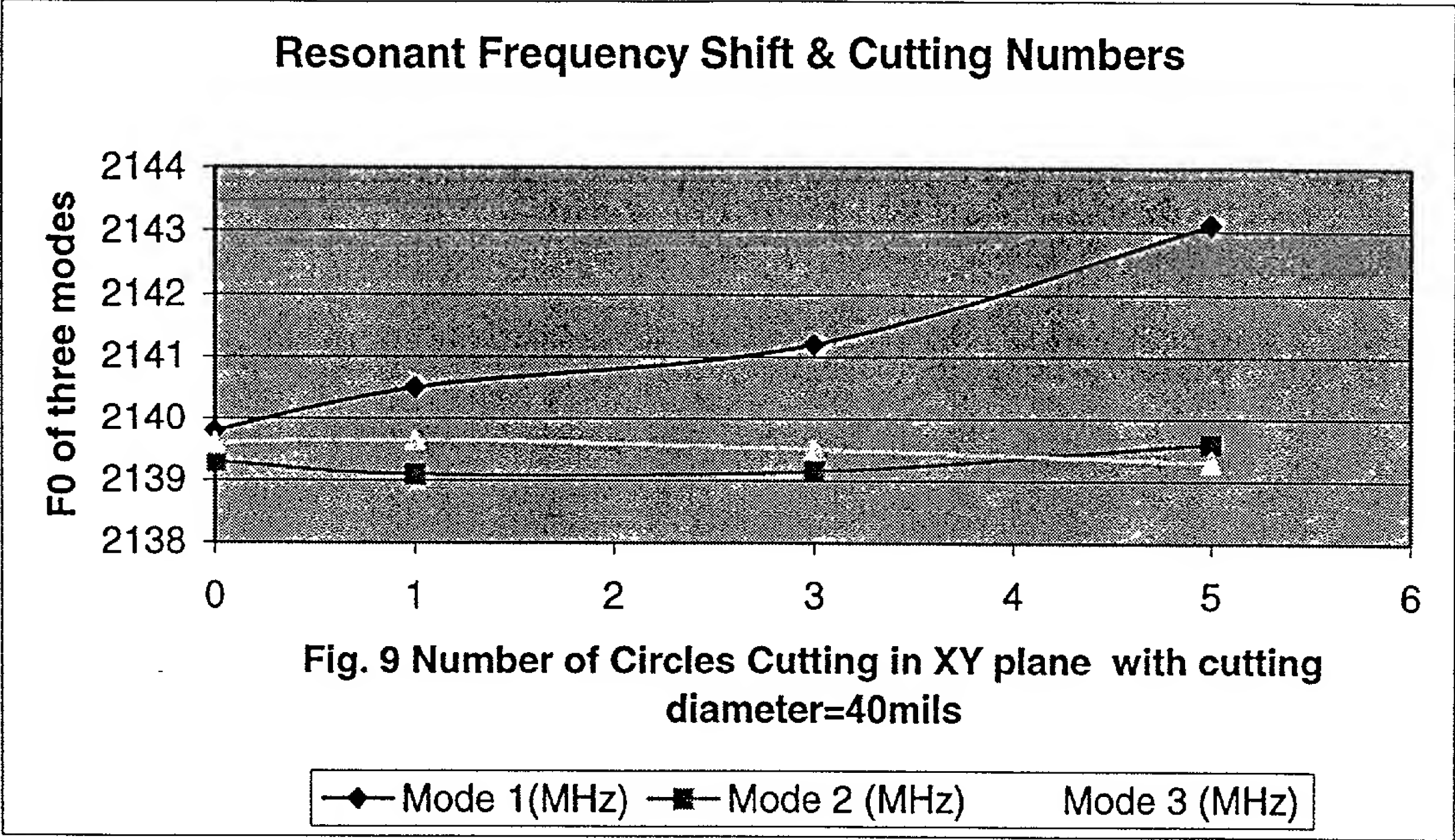
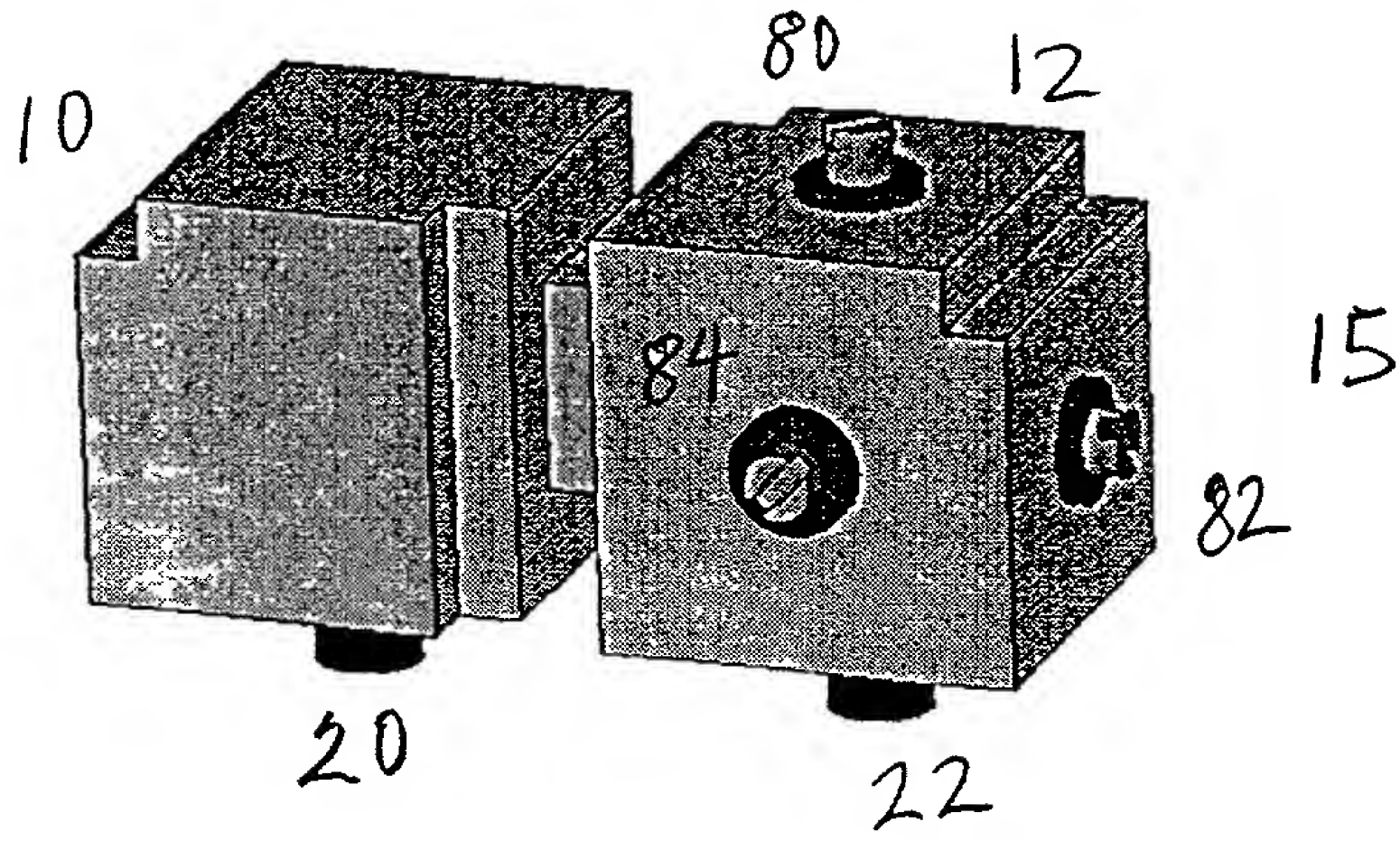


Figure 8





(a)



(b)

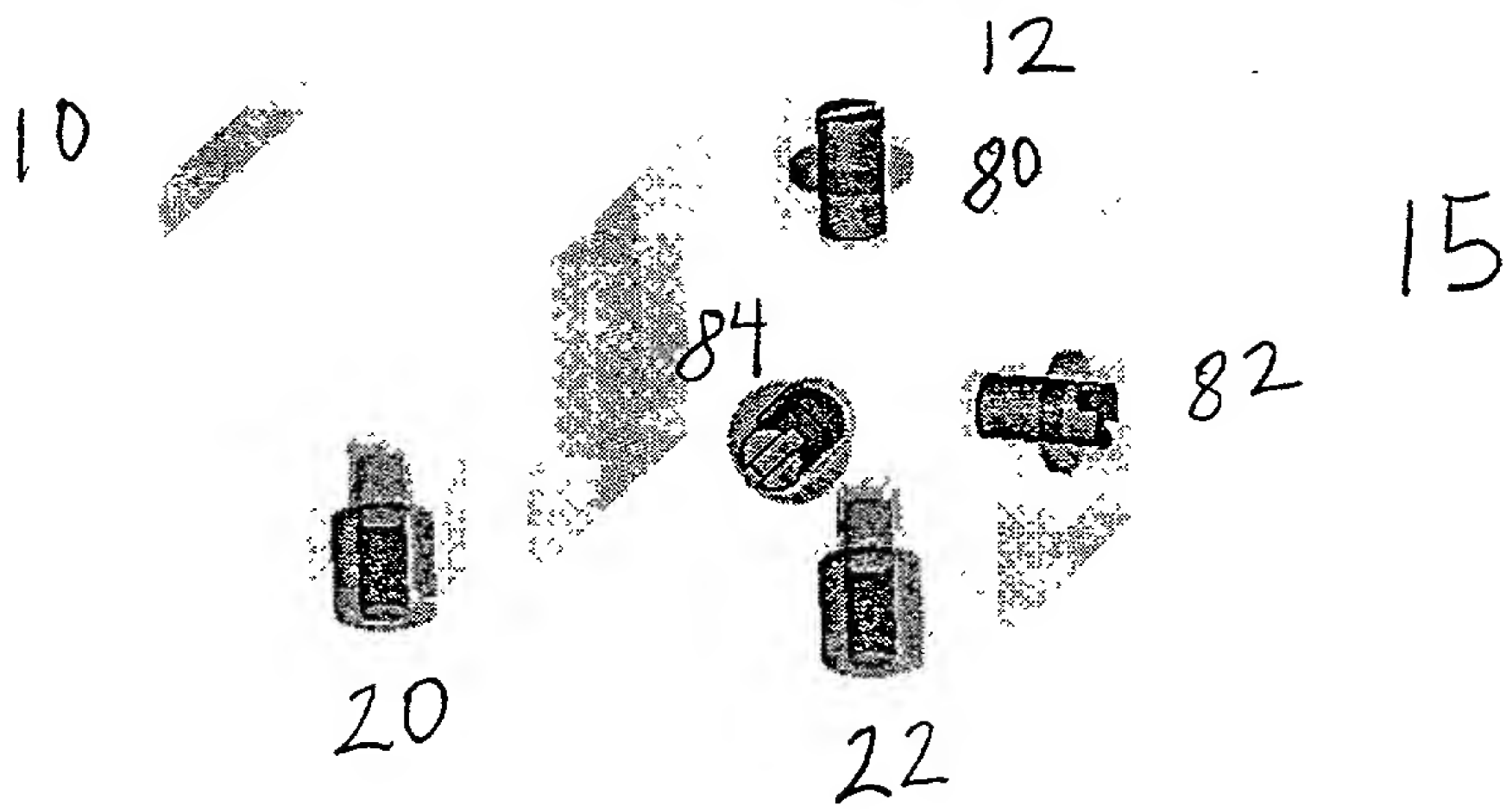


Figure 10.

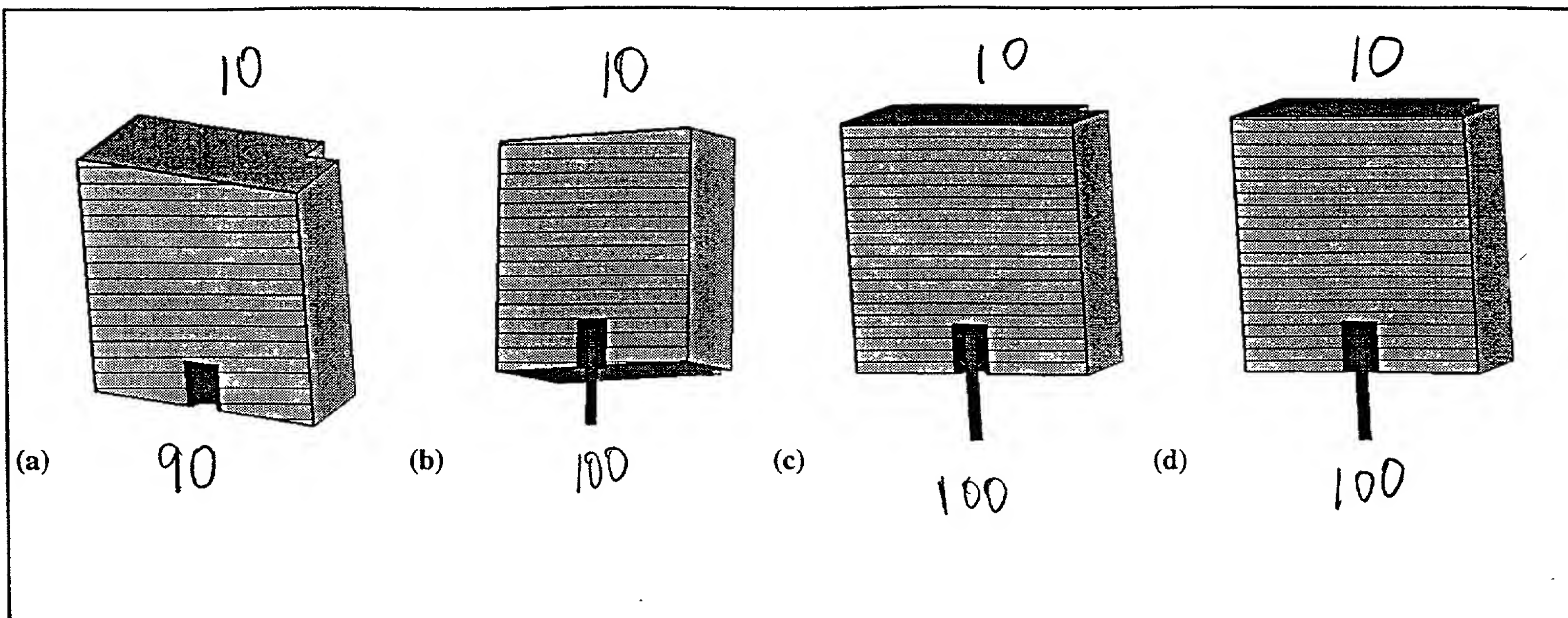
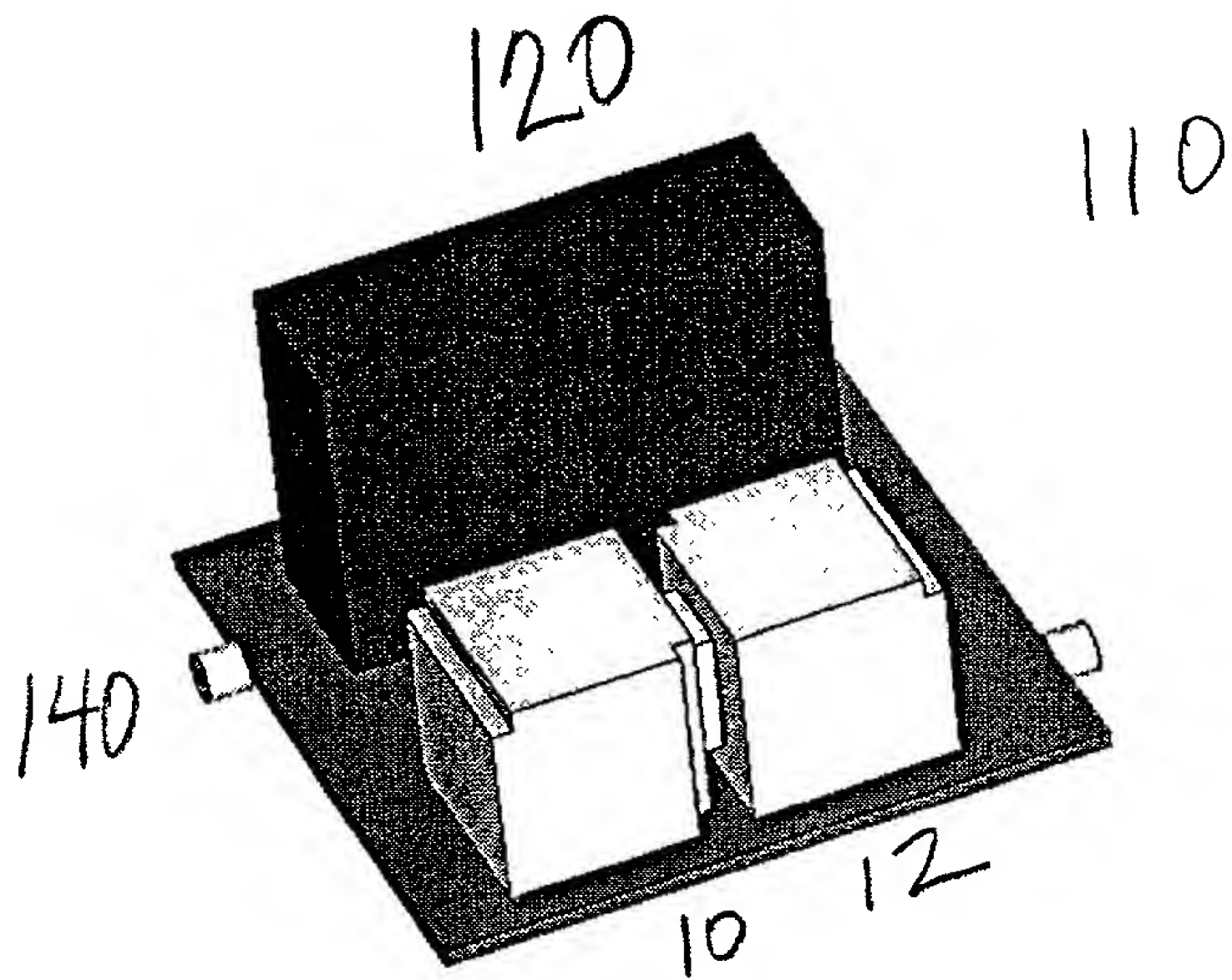
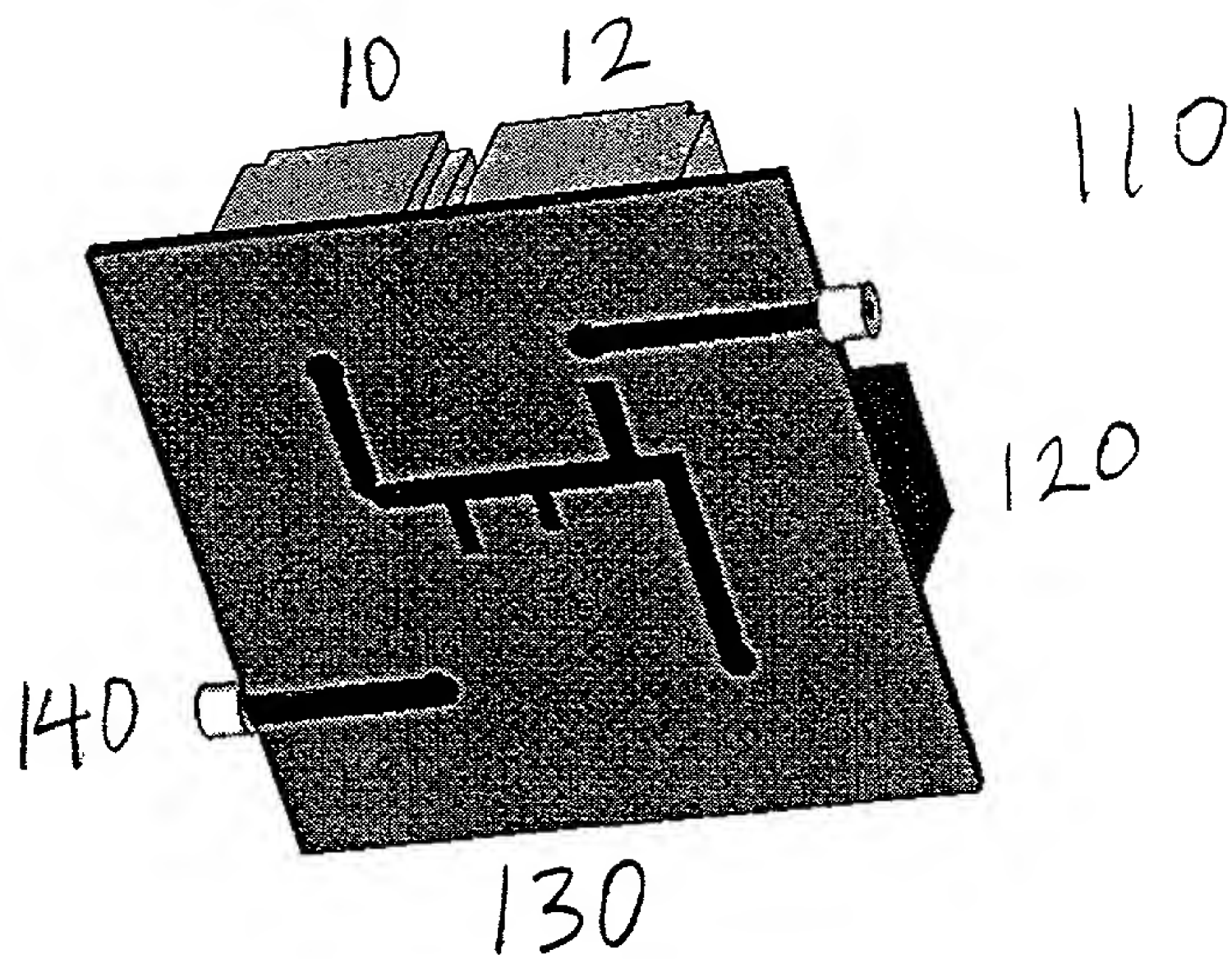


Figure 11.

2025-11-11 10:11:11



(a)



(b)

Figure 12.

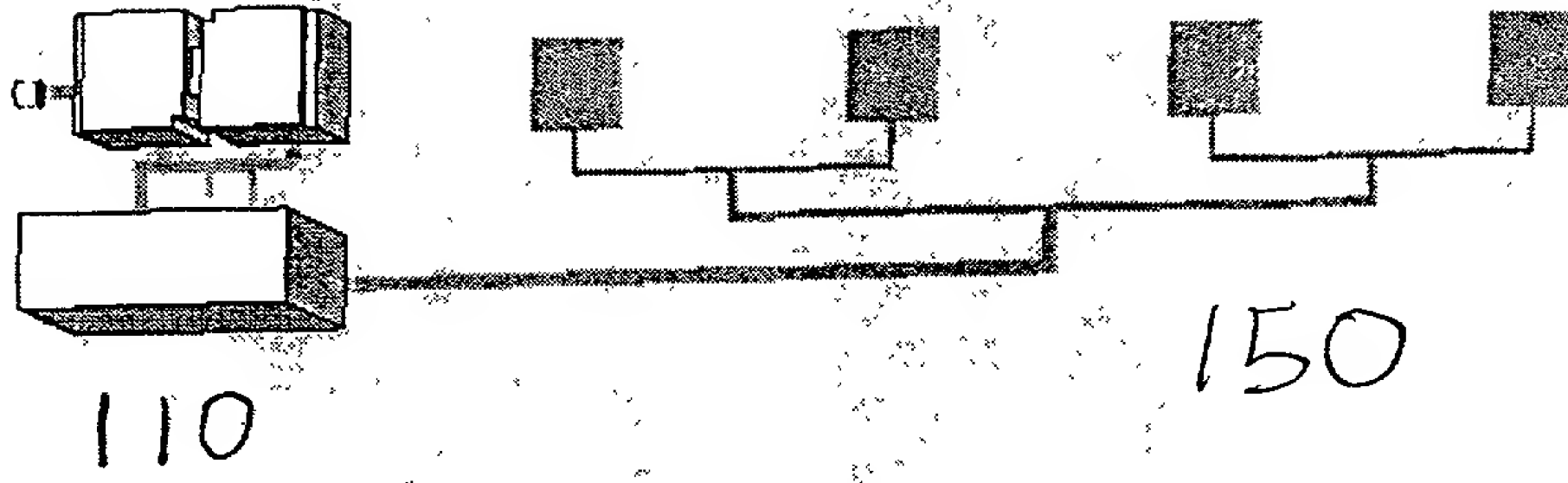
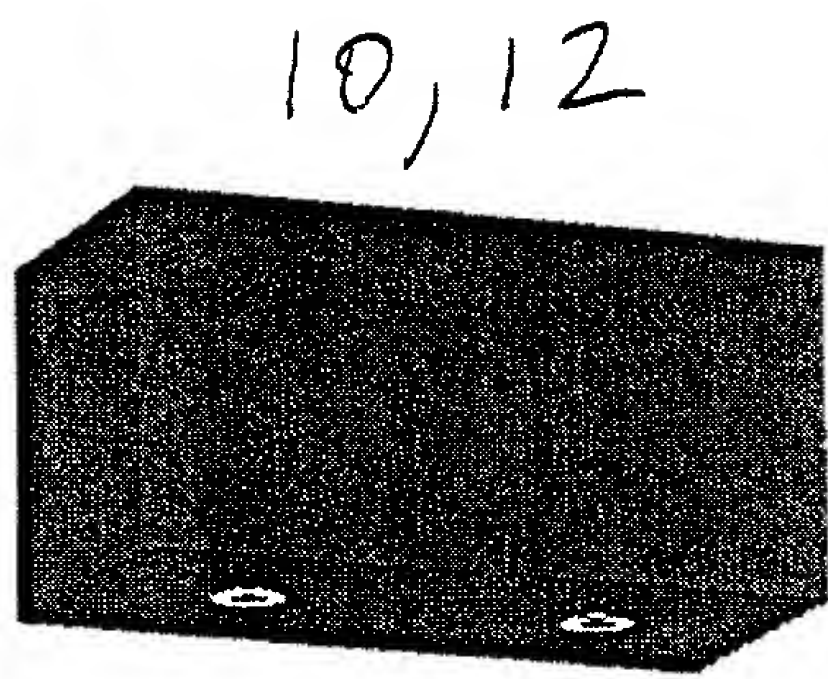


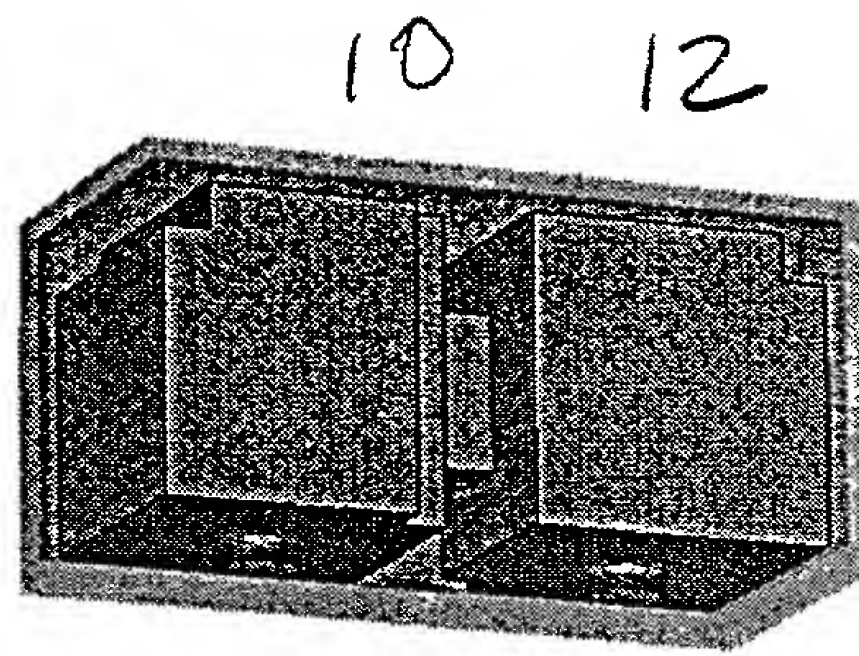
Figure 13.





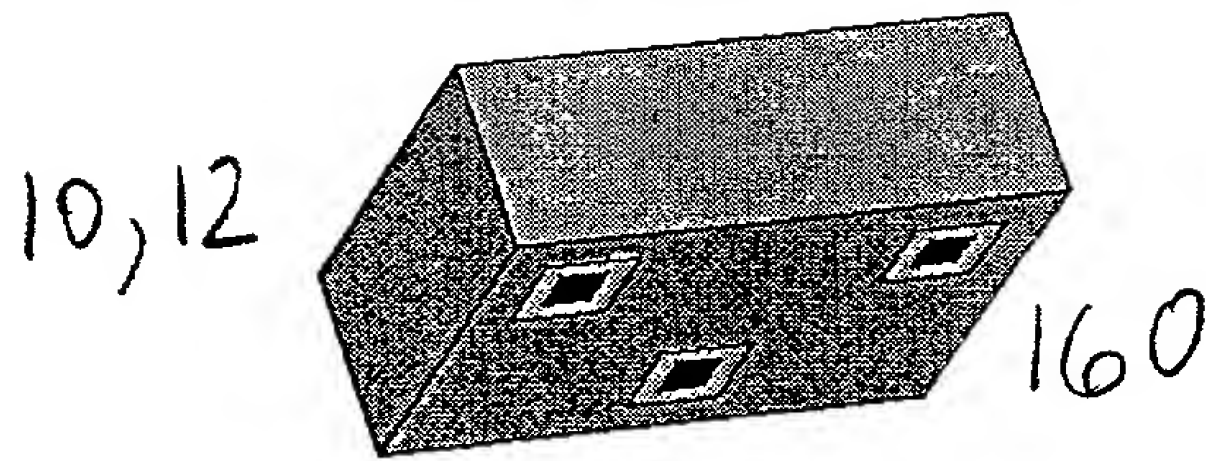
a)

160



(b)

160



(c)

Figure 14.

099276-1401

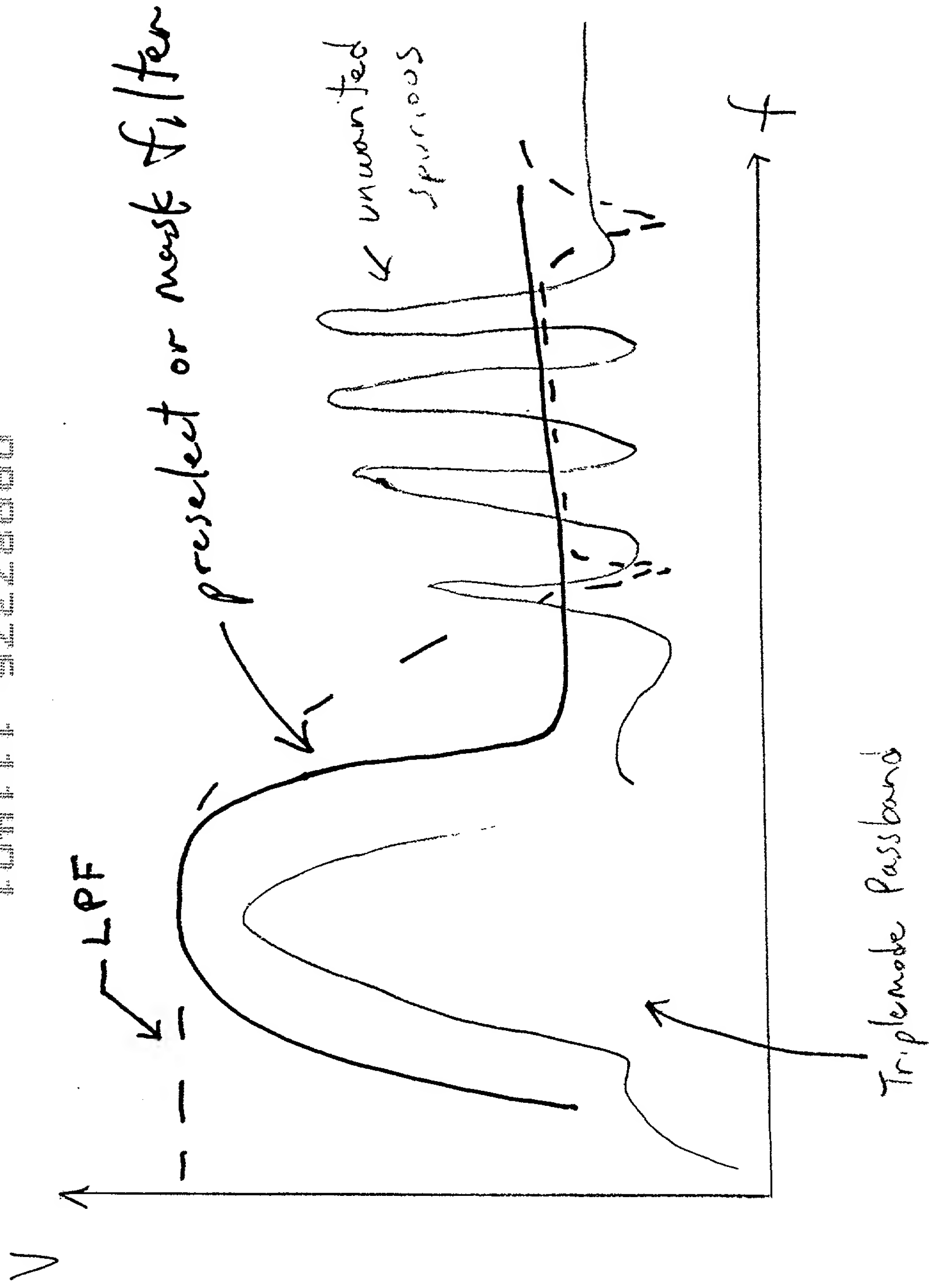


Figure 15

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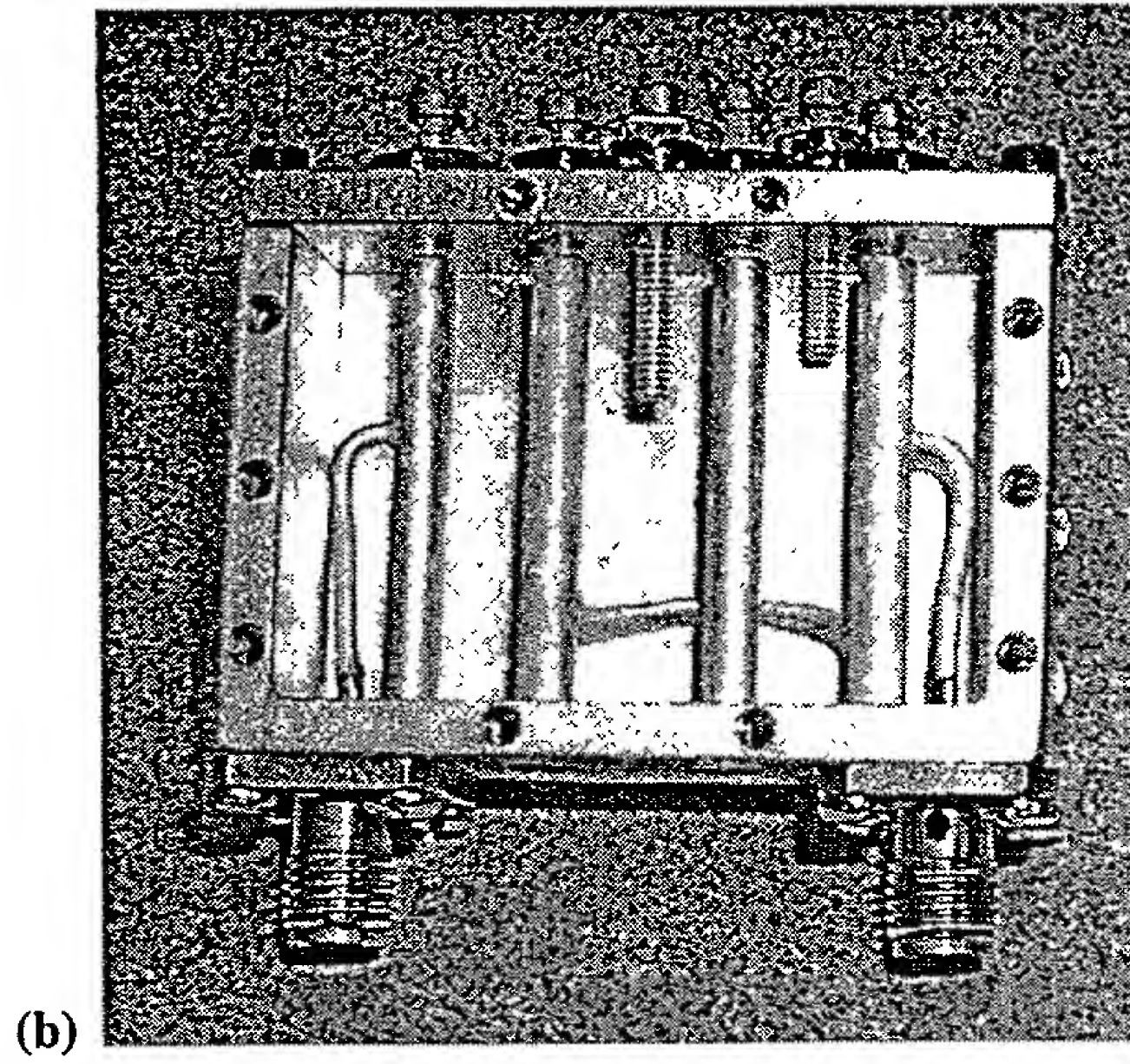
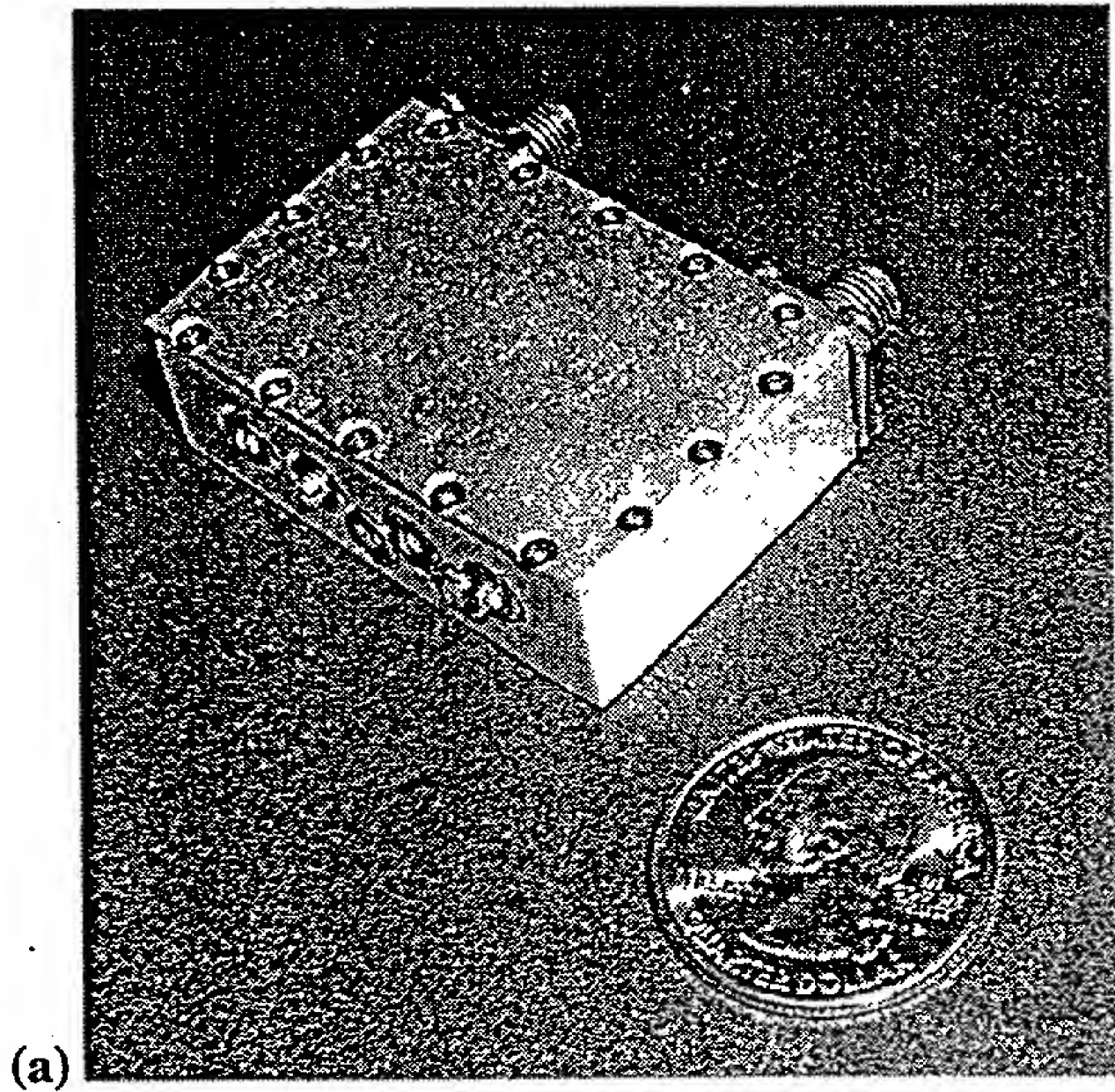


Figure 16.